

ABSTRACT

A diaphragm pump with a bi-component diaphragm pump housing. The housing has a top component and a bottom component that connect along first and second complimenting connection interfaces and form an interior pump chamber, an exterior pressure port, an exterior vacuum port, and fluid communication channels connecting the exterior ports with the interior chamber. The first and second connection interfaces are oriented transverse to one another. The components of the pump are self-locking and can be assembled without the use of tools.